

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Mail Stop Patent Application
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

21906 U.S. PTO
10/615159
07/07/03

Re: Inventor(s): **Frum et al.**
Title: **INTERFEROMETRIC ENDPOINT DETECTION IN A SUBSTRATE ETCHING PROCESS**

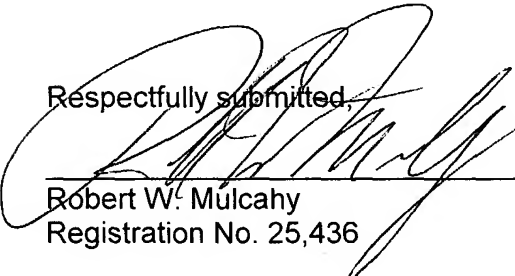
Transmitted herewith is the patent application identified above, including:

- ☒ Specification, claims and abstract, totaling 26 pages
- ☒ Drawings totaling 8 pages, X Formal Informal
- ☒ Executed Declaration and Power of Attorney
- ☒ Assignment of the invention to **Applied Materials, Inc.** and Assignment Recordation Cover Sheet
- ☒ Return Receipt Postcards (2)

FEE CALCULATION					
Fee Items	Claims Filed	Included with Basic Fee	Extra Claims	Fee Rate	Total
Total Claims	22	- 20 =	2	x 18.00	\$ 36.00
Independent Claims	4	- 3 =	1	x 84.00	\$ 84.00
Basic Filing Fee				750.00	\$750.00
TOTAL FEES					\$ 870.00

- ☒ The Commissioner is hereby authorized to charge \$ **870.00** to Deposit Account No. **50-1074**.
- ☒ The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. **50-1074**. A duplicate copy of this transmittal is enclosed.
- ☒ Please address all future correspondence to: **APPLIED MATERIALS, INC.**
Patent Department, M/S 2061
P.O. Box 450A
Santa Clara, CA 95052

Respectfully submitted,


Robert W. Mulcahy
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Date of Deposit: 7/7/2003